

**Unregulated
 Single output
 Case style: SIP 4**

**INDUSTRIAL
 DC/DC Converters**

**1 Watt
 Series: S4U**

Electrical specifications:

Input voltage range:	+/- 10%	Efficiency:	up to 80%
Output voltage accuracy:	+/- 2% (Vin=nominal to full load)	Output Ripple & Noise:	typ. 150mVp-p
	+/- 5% (Vin < 3,3V)	Short circuit protection:	none
Line Vin/Vout:	+/- 1% / +/- 1%	Insulation test voltage:	1000V DC
Output voltage change:	3V, 3,3Vout types 15% max.	Output voltage: @ zero Load; approx. 10% above nominal	
(10% to 100% of full load)	5 ~ 24Vout types 10% max.	Optional:	
Operating temperature:	-40°C to +95°C	Part-Nr. /1	0,1W output power
Ambient temperature:	-40°C to +71°C	Part-Nr. /2	0,25W output power
		Part-Nr. /5	0,5 W output power

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part - No. DC	Input Voltage DC	Output Voltage DC	Output current mA
S4U-03,303,3	3,3V	3,3V	303mA
S4U-03,305		5V	200mA
S4U-0503,3	5V	3,3V	303mA
S4U-0505		5V	200mA
S4U-0509		9V	110mA
S4U-0512		12V	83mA
S4U-0515		15V	66mA
S4U-1203,3	12V	3,3V	303mA
S4U-1205		5V	200mA
S4U-1209		9V	110mA
S4U-1212		12V	83mA
S4U-1215		15V	66mA
S4U-1503,3	15V	3,3V	303mA
S4U-1505		5V	200mA
S4U-1509		9V	110mA
S4U-1512		12V	83mA
S4U-1515		15V	66mA
S4U-2403,3	24V	3,3V	303mA
S4U-2405		5V	200mA
S4U-2409		9V	110mA
S4U-2412		12V	83mA
S4U-2415		15V	66mA
S4U-2424		24V	42mA

S4U-05yyL 1W

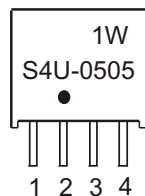
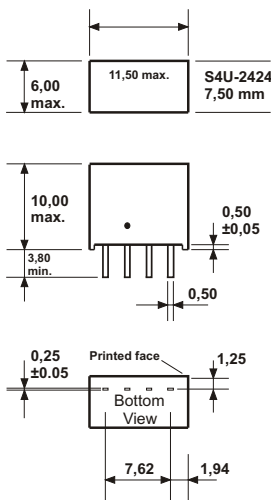
input current
 no load = ca. 35mA
 full load = ca. 270mA

L - Version
 no load = ca. 20mA
 full load = ca. 260mA

Any other input & output voltages available

(for example 7V)

PIN CONNECTION:



- 1 = GND
- 2 = Vcc
- 3 = 0V
- 4 = +Vout

ALL DIMENSIONS IN MM
 MILLIMETERS +/-0,25mm
 All pins on a 2,54mm pitch
 Dot denotes +IN

Additional output capacitor
 of 4,7µF will reduce ripple
 significantly, but is not demanded.

Input capacitor 4,7µF - 10µF is a must.

Specification may be changed without notice
 please contact office for verification

We can offer EMC - Filter
 according to EN55011/22 Class B.